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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/533,029

DATE: 04/14/2000
TIME: 10:46:48

Input Set: I533029.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

8.5

ENTERED

1 <110> APPLICANT: Heard, Jacqueline
2 Broun, Pierre
3 Riechmann, Jose-Luis
4 Keddie, James
5 Pineda, Omaira
6 Adam, Luc
7 Samaha, Raymond
8 Zhang, James
9 Yu, Guo-Liang
10 Ratcliffe, Oliver
11 Pilgrim, Marsha
12 Jiang, Cai-Zhong
13 Reuber, Lynne
14 <120> TITLE OF INVENTION: DISEASE-INDUCED POLYNUCLEOTIDES
15 <130> FILE REFERENCE: MBI-010
16 <140> CURRENT APPLICATION NUMBER: US/09/533,029
17 <141> CURRENT FILING DATE: 2000-03-22
18 <150> EARLIER APPLICATION NUMBER: 60/125,814
19 <151> EARLIER FILING DATE: 1999-03-23
20 <160> NUMBER OF SEQ ID NOS: 121
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25 <213> ORGANISM: Arabidopsis thaliana
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27 <223> OTHER INFORMATION: G1043
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31 caactcctct ctcaaccggg gtccgggtcta gaggatctag tggctaaaat cttagtgtgt 180
32 ttcaataaca ccatctccgt tcttgatacc ttcgaaccca tctcctcctc ctcatccctc 240
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40 cctagtttat ctacctcaat gaaggaagaa gacaatcctc atcgatcatca tggttcgtcc 720
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42 caggccagtt acgtcaatgg gaaaacgagt acatctatcg atgttttggg ttctcaggat 840
43 ctcatgggtg ttggaggtgg cggcgatttc gagtttagcg aaaatgagca cttctctatc 900
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103 ttaccaaat aaagcattat ttggagaaaa agaatggtat ttttttagtc ctagggatag 240
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106 gttttacatc ggaaaagctc cttaaaggtac taaaaccaat tggatcatgc atgagtatcg 420
107 tctcattgaa ctttctcgta gaaacggaag cactaagttg gatgattggg ttctatgtcg 480
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110 cgttcttgat tcgtttcatc aagagatcga caacagaaat ttccagtttt ctaacccaaa 660
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112 ggatacttct aacttcgatt gggctagttt tgccggtaat gttgagcata ataactcgg 780
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132 Cys Arg Lys Ala Ala Gly Tyr Asp Phe Ser Leu Gln Leu Ile Ala Glu
133 35 40 45
134 Ile Asp Leu Tyr Lys Phe Asp Pro Trp Val Leu Pro Asn Lys Ala Leu
135 50 55 60
136 Phe Gly Glu Lys Glu Trp Tyr Phe Phe Ser Pro Arg Asp Arg Lys Tyr
137 65 70 75 80
138 Pro Asn Gly Ser Arg Pro Asn Arg Val Ala Gly Ser Gly Tyr Trp Lys
139 85 90 95
140 Ala Thr Gly Thr Asp Lys Ile Ile Ser Thr Glu Gly Gln Arg Val Gly
141 100 105 110
142 Ile Lys Lys Ala Leu Val Phe Tyr Ile Gly Lys Ala Pro Lys Gly Thr
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148	Lys Lys Gln Ser Ser Ala Gln Lys Gln Val Tyr Asp Asn Gly Ile Ala		
149	165	170	175
150	Asn Ala Arg Glu Phe Ser Asn Asn Gly Thr Ser Ser Thr Thr Ser Ser		
151	180	185	190
152	Ser Ser His Phe Glu Asp Val Leu Asp Ser Phe His Gln Glu Ile Asp		
153	195	200	205
154	Asn Arg Asn Phe Gln Phe Ser Asn Pro Asn Arg Ile Ser Ser Leu Arg		
155	210	215	220
156	Pro Asp Leu Thr Glu Gln Lys Thr Gly Phe His Gly Leu Ala Asp Thr		
157	225	230	235
158	Ser Asn Phe Asp Trp Ala Ser Phe Ala Gly Asn Val Glu His Asn Asn		
159	245	250	255
160	Ser Val Pro Glu Leu Gly Met Ser His Val Val Pro Asn Leu Glu Tyr		
161	260	265	270
162	Asn Cys Gly Tyr Leu Lys Thr Glu Glu Glu Val Glu Ser Ser His Gly		
163	275	280	285
164	Phe Asn Asn Ser Gly Glu Leu Ala Gln Lys Gly Tyr Gly Val Asp Ser		
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177	cgagatcaac gagctaatga tagaaggaag agactatgca caccagtttg gatcagcttc 180
178	atctcaagaa acacgtgaac atttagccaa aaagattctt caatcttacc acaagtctct 240
179	caccatcatg aactactccg gcgaacttga ccaagtttct cagggtggag gaagcccaaa 300
180	gagcgatgat tccgatcaag aaccacttgt catcaagagt tcgaagaagt caatgccaa 360
181	gtggagttca aaagtcagaa ttgcccctgg agctggtgtt gatagaacgc tggacgatgg 420
182	attcagttgg agaaagtacg gccagaagga tattctcgga gccaaatttc caagaggata 480
183	ctatagatgc acgtatagaa agtctcaagg atgtgaagcc actaaacaag tccaaagatc 540
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186	cggaaatctt gacatggtaa aggaaagtgt agacaactac aatcaccaag cacatttgca 720
187	tcacaacctt cactatccat tgtcatctac cccaaatcta gagaataaca atgcctatat 780
188	gcttcaaatg cgagatcaaa acatcgaata ttttggtatc acgagcttct ctagtgatct 840
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193	tccgagtttt ttttctaata atgtttatca attgtcttat tacagaaggc ttattttcag 1140
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206      20              25              30
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208      35              40              45
209      Gln Ser Tyr His Lys Ser Leu Thr Ile Met Asn Tyr Ser Gly Glu Leu
210      50              55              60
211      Asp Gln Val Ser Gln Gly Gly Gly Ser Pro Lys Ser Asp Asp Ser Asp
212      65              70              75              80
213      Gln Glu Pro Leu Val Ile Lys Ser Ser Lys Lys Ser Met Pro Arg Trp
214      85              90              95
215      Ser Ser Lys Val Arg Ile Ala Pro Gly Ala Gly Val Asp Arg Thr Leu
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218      115             120             125
219      Ala Lys Phe Pro Arg Gly Tyr Tyr Arg Cys Thr Tyr Arg Lys Ser Gln
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224      165             170             175
225      Asn Val Gly Thr Thr Met Pro Ile Gln Asn Leu Glu Pro Asn Gln Thr
226      180             185             190
227      Gln Glu His Gly Asn Leu Asp Met Val Lys Glu Ser Val Asp Asn Tyr
228      195             200             205
229      Asn His Gln Ala His Leu His His Asn Leu His Tyr Pro Leu Ser Ser
230      210             215             220
231      Thr Pro Asn Leu Glu Asn Asn Asn Ala Tyr Met Leu Gln Met Arg Asp
232      225             230             235             240
233      Gln Asn Ile Glu Tyr Phe Gly Ser Thr Ser Phe Ser Ser Asp Leu Gly
234      245             250             255
235      Thr Ser Ile Asn Tyr Asn Phe Pro Ala Ser Gly Ser Ala Ser His Ser
236      260             265             270
237      Ala Ser Asn Ser Pro Ser Thr Val Pro Leu Glu Ser Pro Phe Glu Ser
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240      290             295             300
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      <213> ORGANISM: Arabidopsis thaliana

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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VERIFICATION SUMMARY
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Line ? Error/Warning

Original Text

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3500 W "N" or "Xaa" used: Feature required

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